

Method for producing an aqueous solution of hydroxylamine

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Abstract

10 This invention relates to a method for producing an aqueous solution of free hydroxylamine (HA) by simultaneous countercurrent treatment of a HA salt with ammonia or ammonia water, then separating the HA by distillation and reconcentrating the aqueous HA solution in a countercurrent with a stripping medium.

15 The stripping medium used according to the invention is a mixture of steam and a non-condensable inert gas and the process temperature at a defined pressure is controlled by the quantity of non-condensable inert gas at the column inlet.

20 The preferred non-condensable inert gas is nitrogen.

This results in increased safety and a reduction in losses of the method for producing aqueous solutions of free HA.

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